

NEBRASKA

WEATHER & CROPS



For Week Ending June 1, 1997

Issue: 13-97

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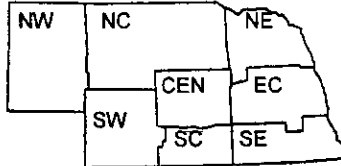
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WEATHER

The week's temperatures averaged from five to eleven degrees below normal across the State. Precipitation was again widespread and heavy in some areas. Averages ranged from nine-tenths of an inch in the Southwest to two and a half inches in the Panhandle.

GENERAL

Wet weather conditions over much of the State the past week limited fieldwork activities, according to the Nebraska Agricultural Statistics Service. A marked improvement in topsoil moisture supplies was indicated statewide; however, sunshine and warm temperatures were needed to boost row crop growth and development. Rains were especially welcome in dry western counties where wheat was showing drought stress. By the weekend, drier and warmer weather conditions allowed some producers to get back in the field. Producer activities included planting and cultivating row crops, working and moving cattle to summer pastures.

CROPS

Winter wheat condition improved from the previous week and rated 1% very poor, 12% poor, 45% fair, 39% good and 3% excellent. As of Sunday, 94% of the crop had jointed, slightly behind 95% last year and 99% for the five-year average. Wheat headed jumped to 60%, ahead of 32% last year and 57% average.

Corn condition rated 2% poor, 22% fair, 62% good, and 14% excellent. Crop emergence rated 90%, compared with last

CROPS (Cont.)

year's 83% and the five-year average of 74%. Reports in the eastern counties indicated a presence of cutworms in some fields.

Soybean planting moved ahead slowly with 84% planted by week's end, well ahead of last year's 51% and the five-year average of 65%. The crop was 51% emerged compared with 23% last year and 35% average.

Sorghum planting activities were delayed with 77% complete as of Sunday. This was far ahead of 42% last year and 55% average. The crop was 32% emerged compared with 19% last year and 29% average.

Oats condition improved from the previous week and rated 1% very poor, 5% poor, 22% fair, 61% good, and 11% excellent.

Dry bean planting moved ahead with 11% planted as of Sunday. This was behind last year's 21% and average 20%.

Alfalfa condition improved slightly from the previous week and rated 4% very poor, 14% poor, 34% fair, 42% good and 6% excellent. The first cutting was about ten days behind normal with 5% harvested compared with nearly 3% last year and 22% average. Wild hay condition rated 1% very poor, 10% poor, 36% fair, 51% good, and 2% excellent.

LIVESTOCK, PASTURE & RANGE

Pasture and range condition improved from the previous week and rated 1% very poor, 8% poor, 30% fair, 54% good, and 7% excellent. Moisture received last week aided pasture growth, but warmer temperatures were needed. Cattle continued to be moved to pastures.

FIELD WORK PROGRESS AS OF JUNE 1, 1997	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Corn Emerged	90	80	81	89	94	94	97	92	90	68	83	74
% Wheat Jointed	89	71	72	96	98	100	100	99	94	81	95	99
% Wheat Headed	51	15	0	14	15	78	74	65	60	14	32	57
% Sorghum Planted	n/a	72	55	83	70	78	82	77	77	68	42	55
% Sorghum Emerged	n/a	25	26	34	32	36	27	34	32	11	19	29
% Soybeans Planted	n/a	96	77	91	84	90	96	88	84	75	51	65
% Soybeans Emerged	n/a	50	31	64	56	66	71	68	51	18	23	35
% Dry Beans Planted	7	12	20	5	n/a	19	n/a	n/a	11	5	21	20
% Alfalfa First Cutting	0	1	1	4	7	1	28	22	5	1	3	22

DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF MAY 30, 1997

Days suitable	0.9	1.9	0.8	0.8	0.6	2.4	0.8	1.0	1.1	6.3	0.6
Topsoil moisture - Very Short	0	1	0	0	0	2	0	0	0	9	0
(Percent) - Short	15	6	0	4	17	34	7	3	9	58	2
- Adequate	79	93	79	95	58	62	64	90	79	33	61
- Surplus	6	0	21	1	25	2	29	7	12	0	37
Subsoil moisture - Very Short	0	0	0	0	0	3	1	0	0	1	0
(Percent) - Short	19	7	1	19	20	57	10	3	13	22	13
- Adequate	81	93	92	75	75	40	87	97	84	76	74
- Surplus	0	0	7	6	5	0	2	0	3	1	12

n/a = not available.

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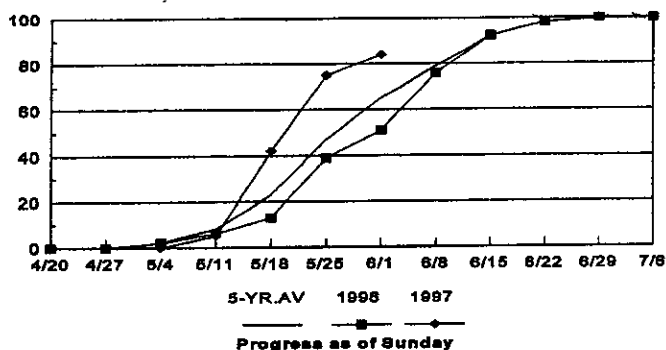
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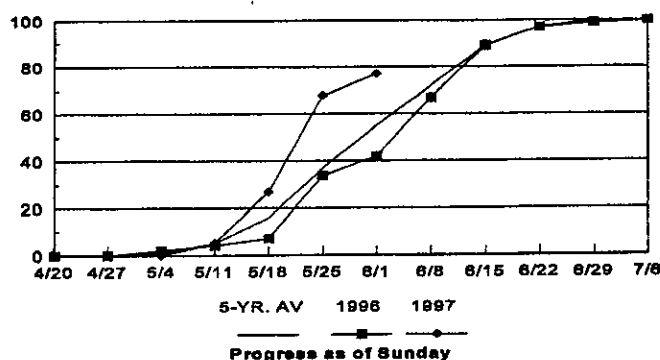
SOYBEANS PLANTED

% PLANTED

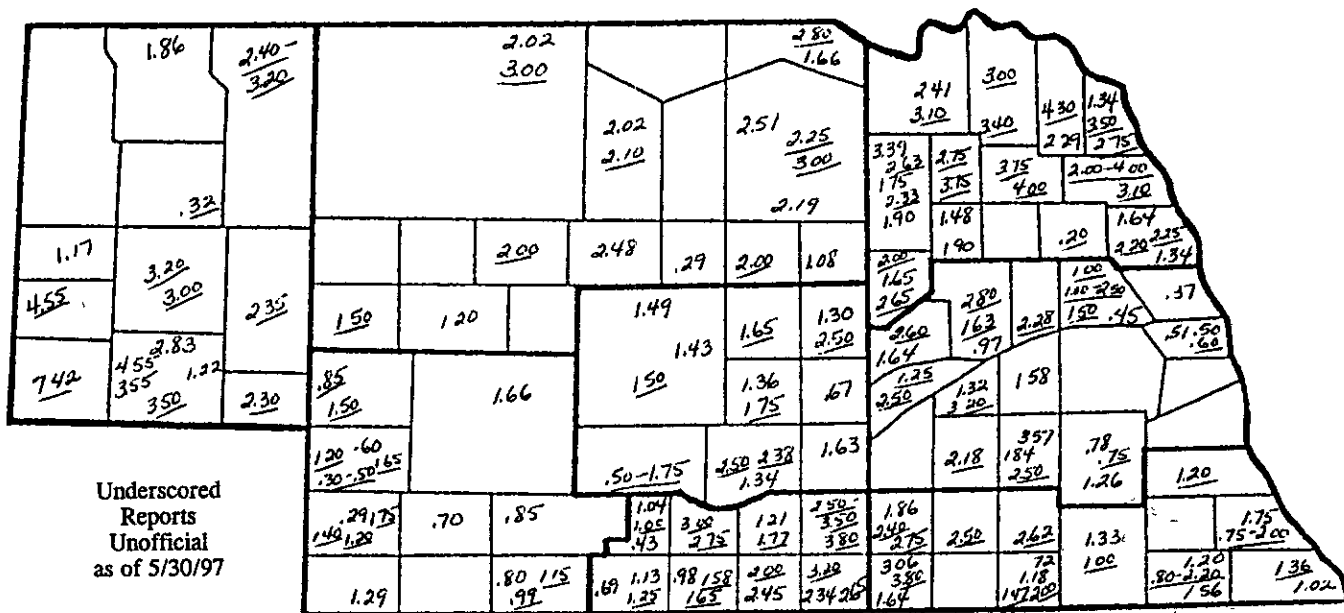


SORGHUM PLANTED

% PLANTED



PRECIPITATION MAP FOR WEEK ENDING SATURDAY, MAY 31, 1997



PRECIPITATION, APRIL 1 - MAY 31, 1997

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	2.53	1.72	1.92	1.32	1.23	.88	1.44	1.53
Total since April 1	6.87	5.22	6.46	4.84	5.65	2.64	4.41	6.52
Normal since April 1	4.90	5.53	6.30	6.11	6.98	5.21	6.05	6.94
Total as % of normal	140%	94%	103%	79%	81%	51%	73%	94%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SATURDAY, MAY 31, 1997

WEEK ENDING SATURDAY, MAY 31, 1997									
Station		Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches	Last Week	Current	Normal
		Max	Min						
NW	Chadron	89	36	54	---	1.86	---	---	---
	Scottsbluff	83	43	56	-5	1.17	368	433	416
	Sidney	80	42	54	---	3.55	344	401	417
NC	Valentine	84	32	51	-11	2.02	---	---	---
	Arthur	---	---	---	---	---	333	386	453
	O'Neill	---	---	---	---	---	310	360	483
NE	Norfolk	79	44	54	-11	1.48	---	---	---
	Sioux City	81	44	56	-9	1.34	---	---	---
	Concord	---	---	---	---	---	307	355	495
	Elgin	---	---	---	---	---	312	359	487
CEN	West Point	---	---	---	---	---	328	384	516
	Grand Island	77	41	55	-11	1.63	---	---	---
	Ord	---	---	---	---	---	338	391	499
	Kearney	---	---	---	---	---	377	435	504
EC	Lincoln	79	43	56	-10	.78	371	436	556
	Omaha	79	46	57	-9	.50	---	---	---
	Central City	---	---	---	---	---	363	417	513
SW	Mead	---	---	---	---	---	372	438	541
	Imperial	84	41	56	---	.29	---	---	---
	North Platte	81	35	54	-8	1.66	388	449	466
	McCook	---	---	---	---	---	429	497	481
SC	Holdrege	---	---	---	---	---	380	443	502
	Red Cloud	---	---	---	---	---	392	459	505
SE	Beatrice	---	---	---	---	---	381	443	556
	Clay Center	---	---	---	---	---	379	436	511

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.